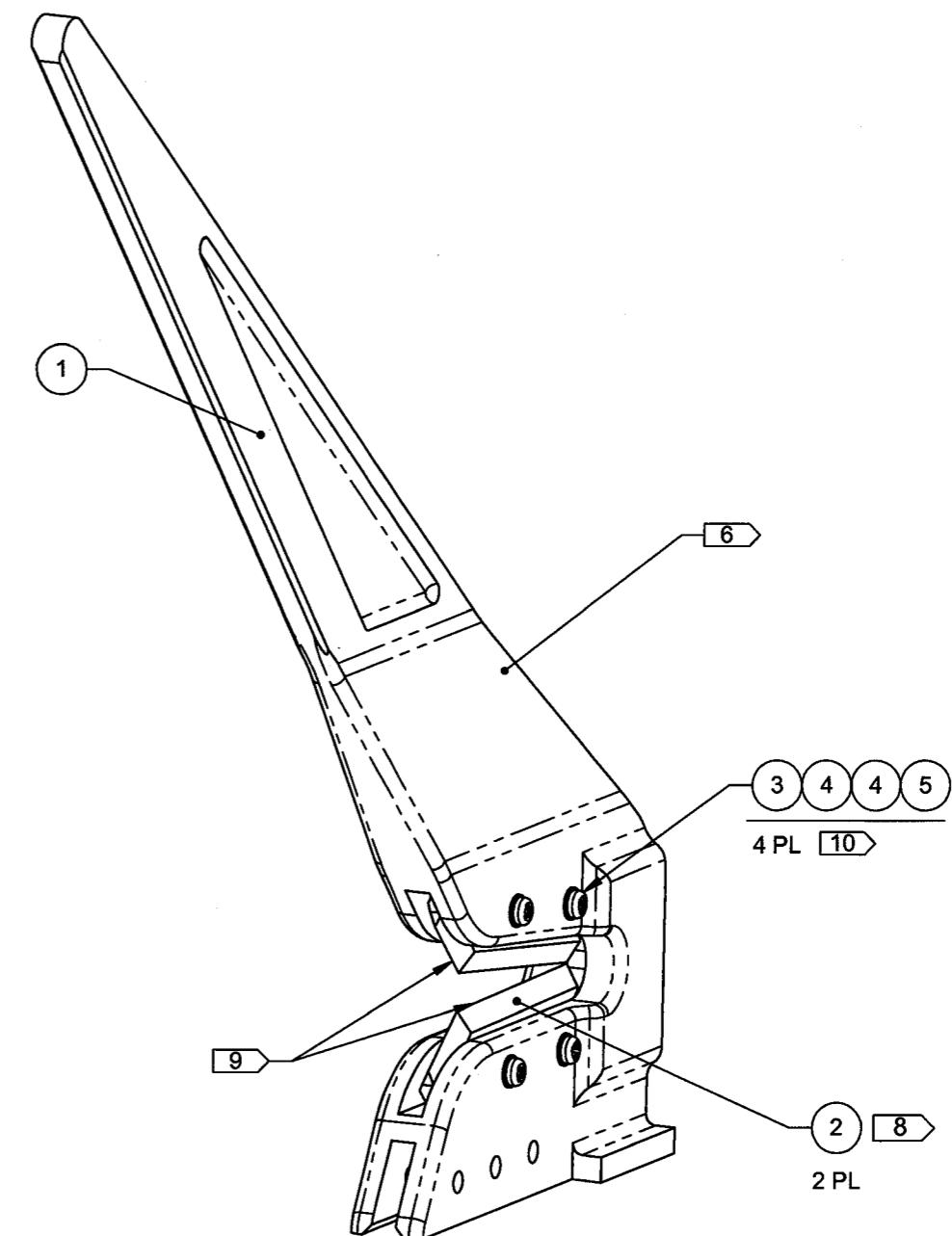


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ITEM	QTY -041	DART P/N	TAI P/N	DESCRIPTION
	X	D5501-041	RC95T400230VN	BODY, LOWER CUTTER ASSEMBLY, LONG
1	1	D5501-1	RC95T400200VN	BODY, LOWER CUTTER, LONG
2	2	D5504-1	RC95T400120VN	BLADE
3	4	MS27039-0819	N/A	SCREW, PAN-HEAD
4	8	NAS1149FN832P	N/A	WASHER
5	4	MS21042L08	N/A	NUT, SELF-LOCKING

**D5501-041 BODY, LOWER CUTTER ASSEMBLY, LONG****NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: NONE
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5501-041", TAI P/N "RC95T400230VN", DWG REVISION, BATCH NUMBER AND MANUFACTURE DATE PER QSI 044 METHOD 6.2
- 7) WEIGHT: 3.66 lbs (1.66 kg)
- 8) APPLY LOCTITE 598 OR EQUIVALENT SEALANT TO ALL FAYING SURFACES UPON ASSEMBLY.
- 9) CUTTING EDGE INTENDED TO BE SHARP. DO NOT BREAK SHARP EDGE.
- 10) WET INSTALL FASTENERS WITH LOCTITE 598 OR EQUIVALENT SEALANT.

**RELEASED**2020 OCT 26
H5 ECR 21-117**APPROVED**

B	CLARIFY REAMING / SEALANT INSTRUCTIONS (ZN A8-3, C8-4, A8-5, B3-5), BLADE HOLES NOT REAMED (D3-5), WET INSTALL BLADE FASTENERS (A8-1, A8-2)		CP	20.10.08
A	NEW ISSUE		JMH	18.06.29
REV.	DESCRIPTION			BY DATE
DESIGN	JMH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	CP			
CHECKED	ML	DRAWING NO.	D5501	
MFG. APPR.	JFS	REV. B		
APPROVED	ML	TITLE	LOWER CUTTER ASSEMBLY	
DE APPR.	CP	SCALE	NTS	
DATE	20.10.08		COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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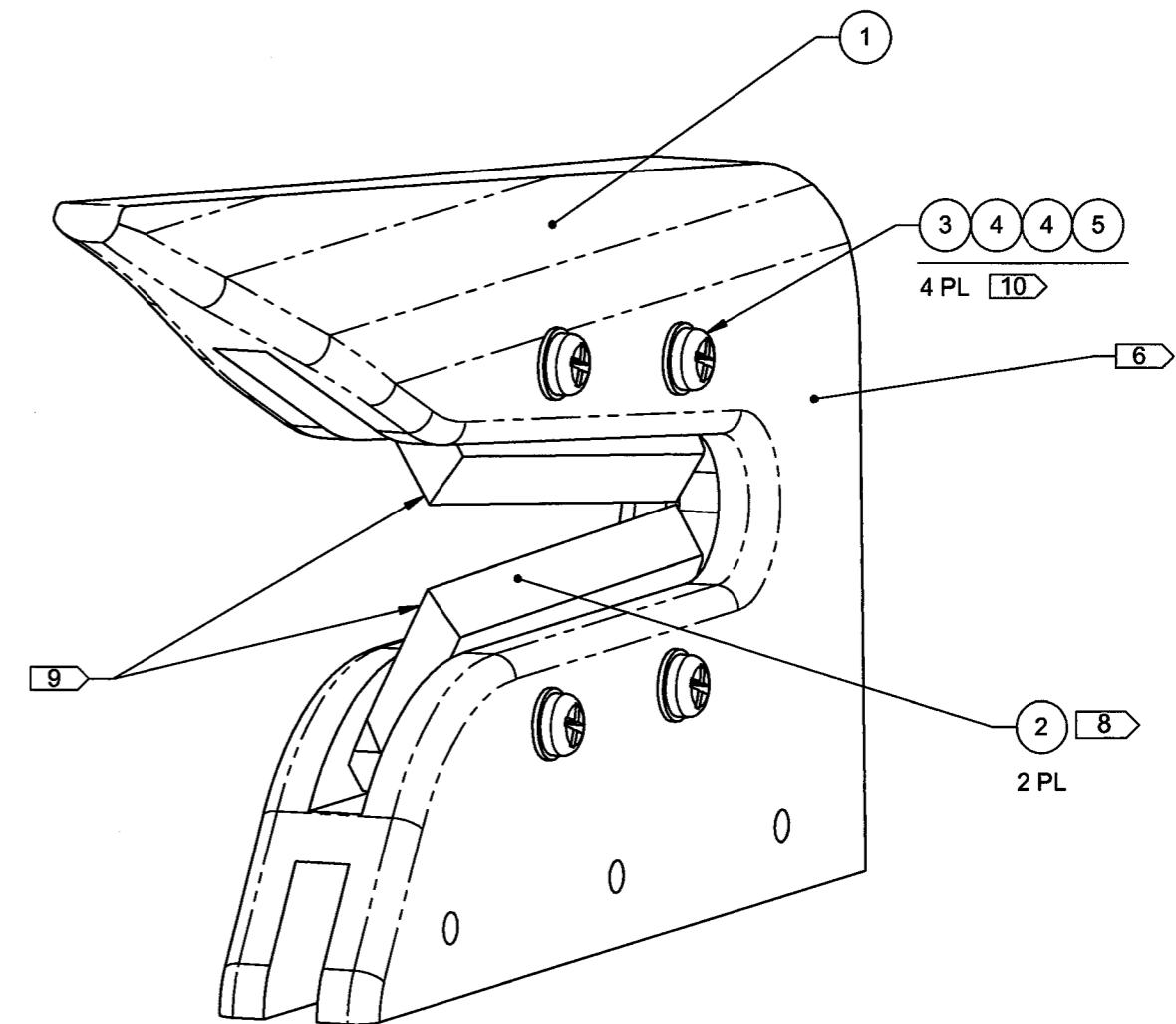
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ITEM	QTY -043	P/N	TAI P/N	DESCRIPTION
	X	D5501-043	RC95T402230VN	BODY, LOWER CUTTER ASSEMBLY, SHORT
1	1	D5501-3	RC95T402200VN	BODY, LOWER CUTTER, SHORT
2	2	D5504-1	RC95T400120VN	BLADE
3	4	MS27039-0819	N/A	SCREW, PAN-HEAD
4	8	NAS1149FN832P	N/A	WASHER
5	4	MS21042L08	N/A	NUT, SELF-LOCKING

D5501-043 BODY, LOWER CUTTER ASSEMBLY, SHORTNOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: NONE
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5501-043", TAI P/N "RC95T402230VN", DWG REVISION, BATCH NUMBER AND MANUFACTURE DATE PER QSI 044 METHOD 6.2
- 7) WEIGHT: 1.84 lbs (0.84 kg)
- 8) APPLY LOCTITE 598 OR EQUIVALENT RTV SEALANT TO ALL FAYING SURFACES UPON ASSEMBLY.
- 9) CUTTING EDGE INTENDED TO BE SHARP. DO NOT BREAK SHARP EDGE.
- 10) WET INSTALL FASTENERS WITH LOCTITE 598 OR EQUIVALENT SEALANT.



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CHECKED	ML	DRAWING NO.	
MFG. APPR.	JFS	D5501	
APPROVED	ML	REV. B	
DE APPR.	CP GP	SHEET 2 OF 5	
DATE	20.10.08	TITLE	
		SCALE	
		LOWER CUTTER ASSEMBLY	
		NTS	
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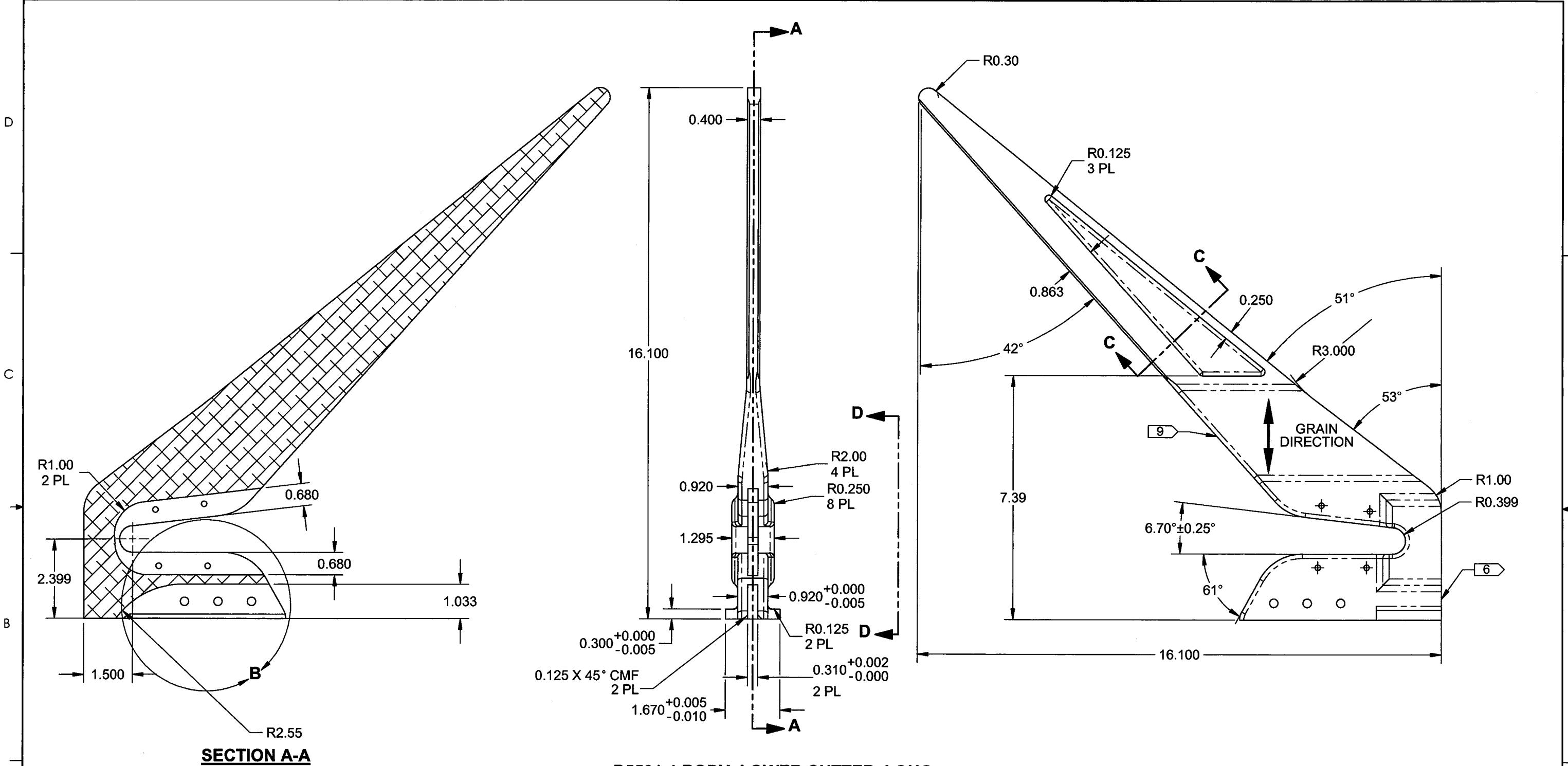
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NOTES:

- 1) MATERIAL: 7075-T6/T62/T651 ALUMINUM PLATE
PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209
REF. DART SPEC M7075T6S
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK,
PRIME IAW MIL-PRF-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5501-1", TAI P/N "RC95T400200VN", DWG REVISION
BATCH NUMBER AND MANUFACTURE DATE PER QSI 044 METHOD 6.2
- 7) WEIGHT: 3.14 lbs (1.42 kg)
- 8) ALL NON DIMENSIONED FEATURES PER CAD FILE D5501-1B.STEP
- 9) RADIUS OUTSIDE EDGE TO 0.125
- 10) PILOT DRILL ONLY. REAM TO FINAL DIAMETER AFTER FINISH.
TOUCH UP BARE METAL WITH ELECTRICALLY CONDUCTIVE CHEMICAL FILM MATERIAL (ALODINE 600) PER MIL-DTL-5541.

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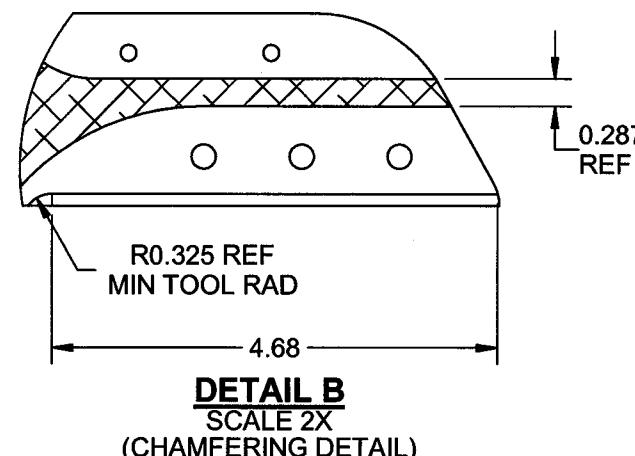
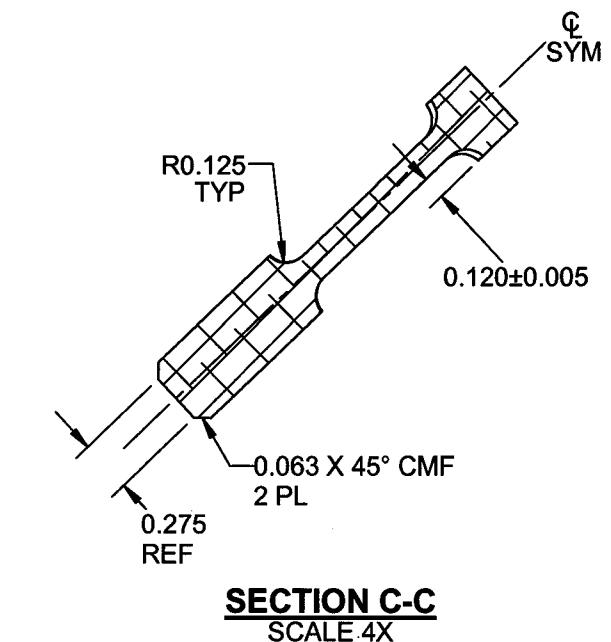
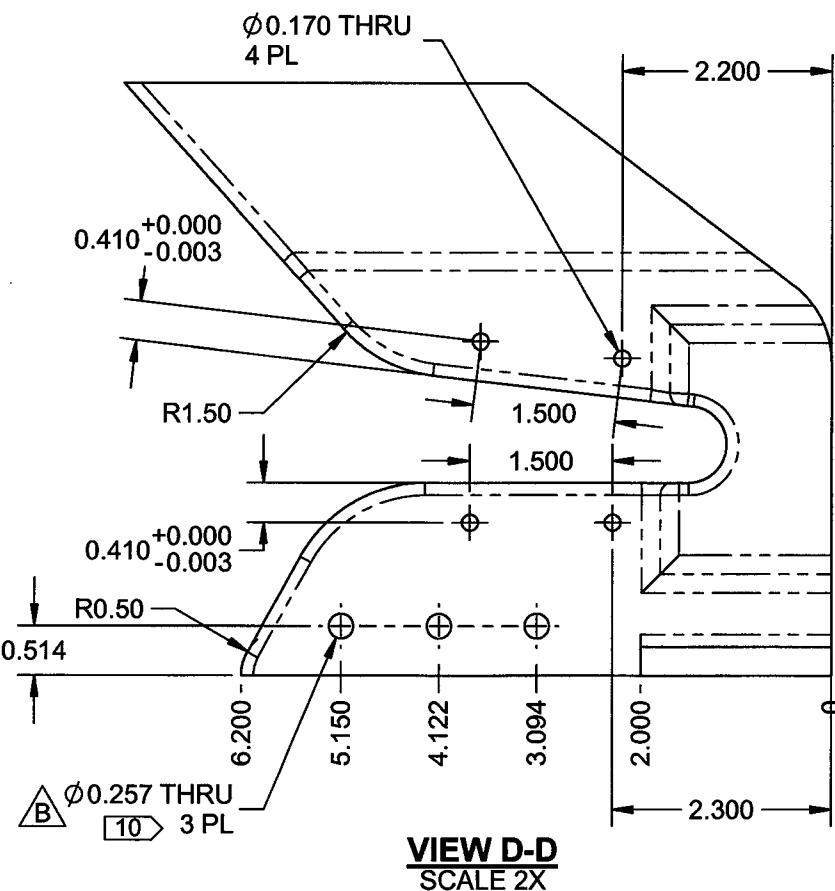
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DESIGN	JMH	DART AEROSPACE LTD
DRAWN	CP	HAWKESBURY, ONTARIO, CANADA
CHECKED	ML	DRAWING NO.
MFG. APPR.	JFS	D5501
APPROVED	ML	REV. B
DE APPR.	CP 91	SHEET 3 OF 5
DATE	20.10.08	TITLE LOWER CUTTER ASSEMBLY
		SCALE NTS
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APPROVED	ML	D5501	
DE APPR.	CP <i>gp</i>	SHEET 4 OF 5	
DATE	20.10.08	TITLE	LOWER CUTTER ASSEMBLY
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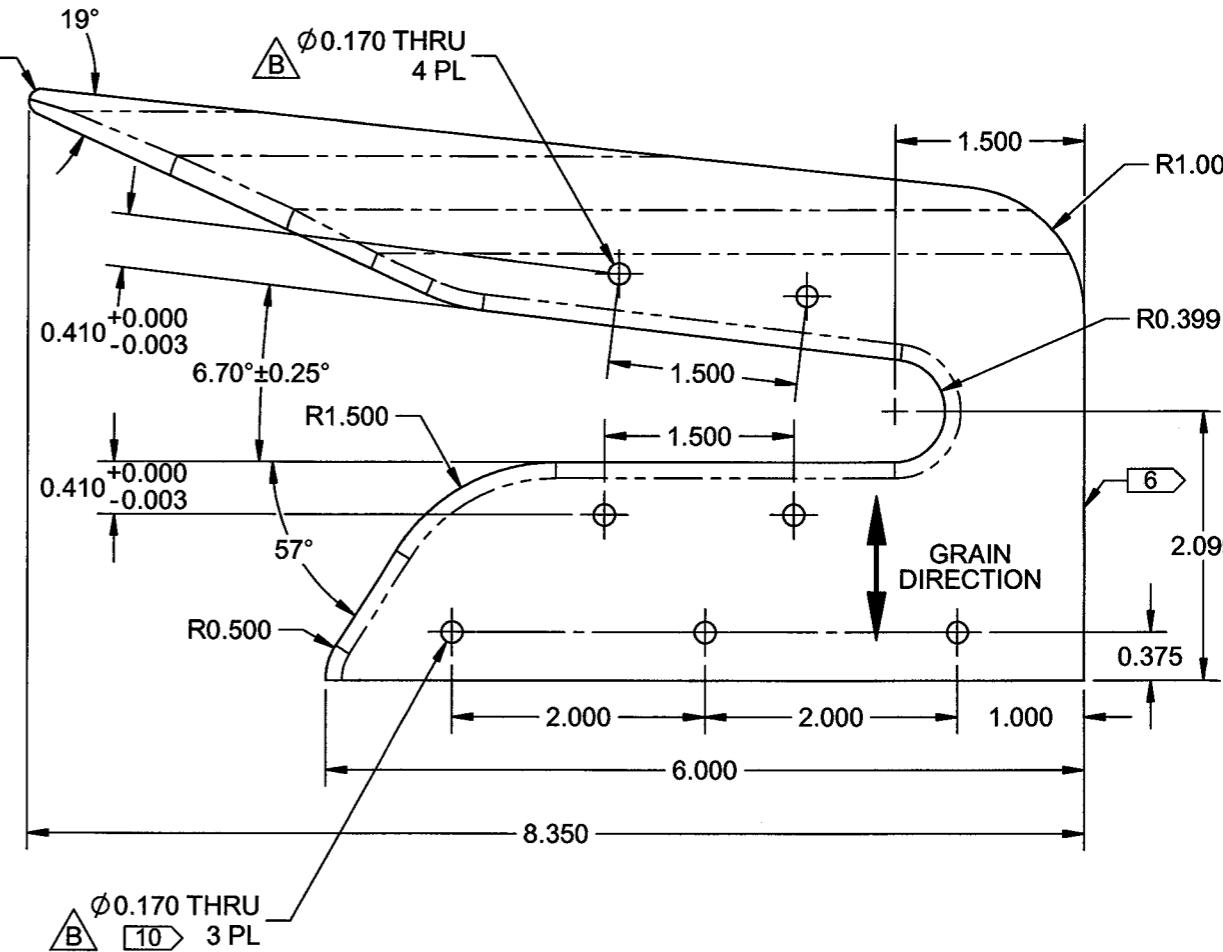
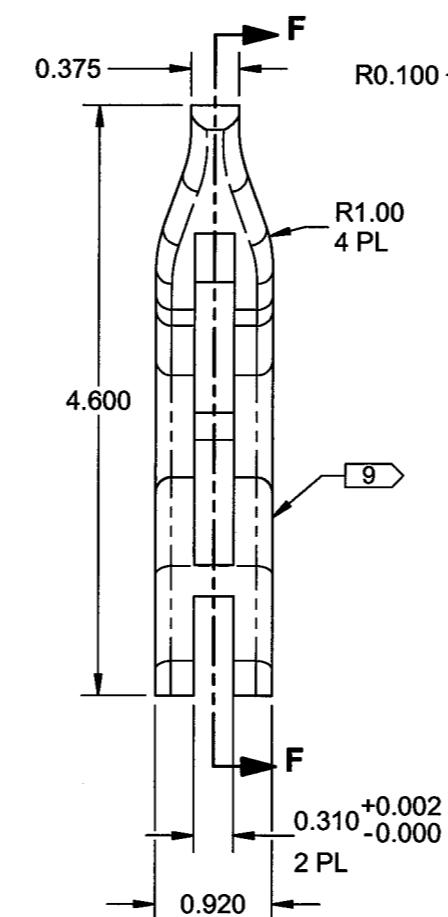
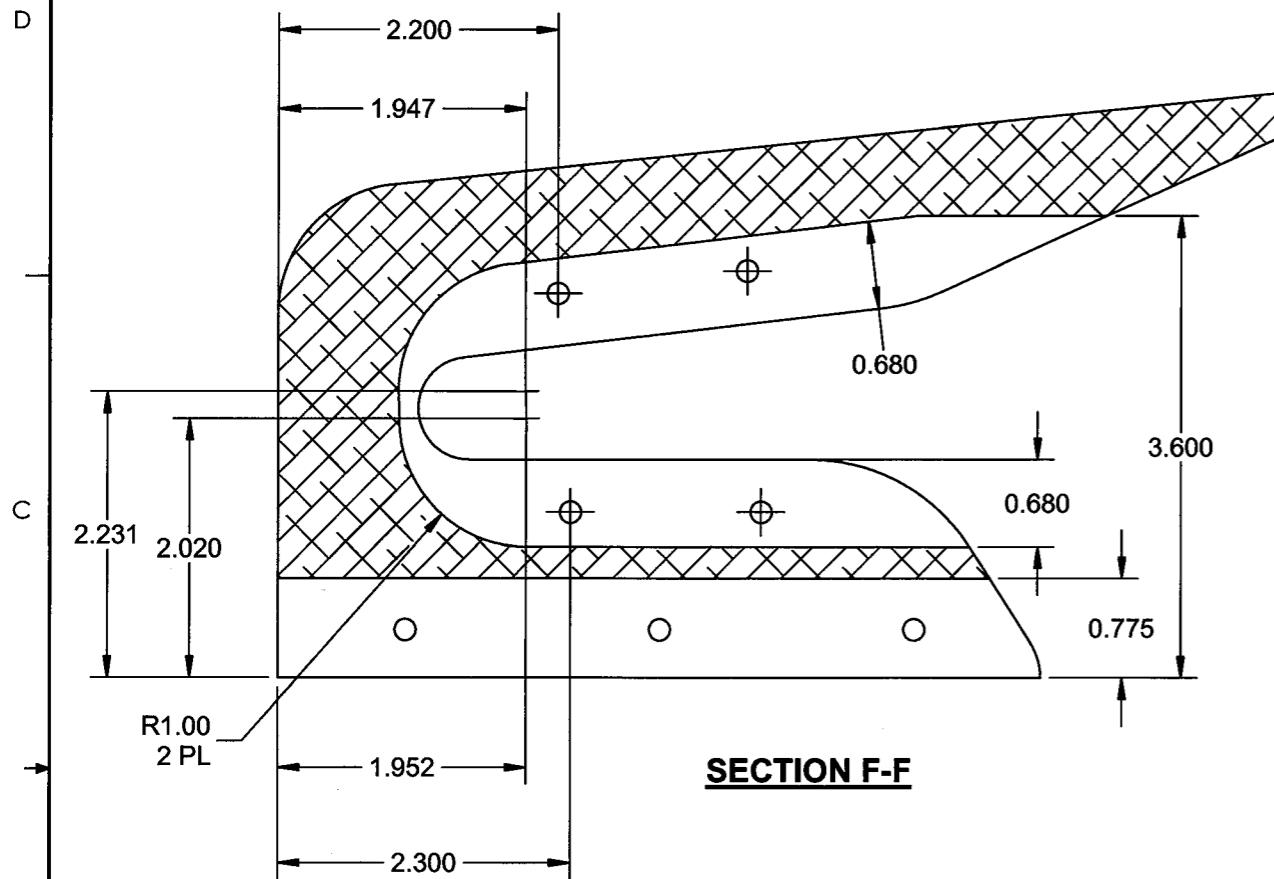
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D5501-3 BODY, LOWER CUTTER, SHORT

NOTES:

- 1) MATERIAL: 7075-T6/T62/T651 ALUMINUM PLATE
PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209
REF. DART SPEC M7075T6S
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK,
PRIME IAW MIL-PRF-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5501-3", TAI P/N "RC95T402200VN", DWG REVISION
BATCH NUMBER AND MANUFACTURE DATE PER QSI 044 METHOD 6.2
- 7) WEIGHT: 1.33 lbs (0.60 kgs)
- 8) ALL NON DIMENSIONED FEATURES PER CAD FILE D5501-3B.STEP
- 9) RADIUS OUTSIDE EDGE TO 0.125
- 10) PILOT DRILL ONLY. REAM TO FINAL DIAMETER AFTER FINISH.
TOUCH UP BARE METAL WITH ELECTRICALLY CONDUCTIVE CHEMICAL FILM MATERIAL (ALODINE 600) PER MIL-DTL-5541.

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